

Converting Colors

YUV(61.3050, 0.8356, 12.0105)

Have a look what the booklet for
YUV(61.3050, 0.8356, 12.0105)
contains.

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Color

**YUV(61.3050, 0.8356,
12.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	4B363F
RGB	75, 54, 63
RGB Percent	29%, 21%, 25%
CMY	0.7059, 0.7882, 0.7529
CMYK	0.00, 0.28, 0.16, 0.71
HSL	334°, 16%, 25%
HSV	334°, 28%, 29%
XYZ	5.1180, 4.4931, 5.3001
YIQ	61.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

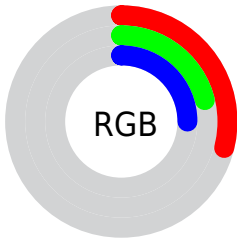
Format	Color
R_YB	75, 54, 63
Decimal	4929087
CIE Lab	25.24, 11.06, -1.92
CIE LCh	25, 11.223, 350.130
Yxy	4.4931, 0.3432, 0.3013
Android (android.graphics.Color)	4283119167 (0xFF4B363F)
YUV	61.3050, 0.8356, 12.0105
Hunter-Lab	21.1969, 6.0046, 0.0128

Details

The YUV color **61.3050, 0.8356, 12.0105** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.6950, -0.8356, -12.0105**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0170, 0.9776, 13.1401**, and **18.1200, 1.4198, 11.2958** is the 20% darker color. If you saturate the color by 10%, you get **56.7400, 1.1142, 16.0140**, and if you desaturate by 10%, it is **66.4570, 0.2677, 7.4922**.

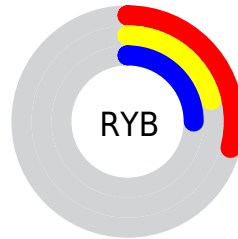
Distribution



Red (29%)

Green (21%)

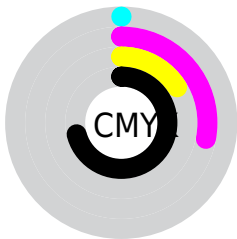
Blue (25%)



Red (29%)

Yellow (21%)

Blue (25%)

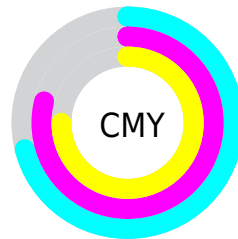


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3050, 0.8356, 12.0105 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 61.3050, 0.8356, 12.0105 by changing the saturation by 10% instead.

■ 61.3050, 0.8356,
12.0105

■ 61.3050, 0.8356,
12.0105

■ 255.0000, 0.0000,
0.0000

■ 39.5930, 0.6937,
10.8809

■ 109.0170, 0.9776,
13.1401

■ 18.1200, 1.4198,
11.2958

■ 134.3160, 0.8302,
13.7549

■ 0.0000, 0.0000,
0.0000

■ 160.6150, 0.6828,
14.3696

■ 187.6150, 0.6828,
14.3696

■ 215.3270, 0.8248,
15.4992

■ 241.5330, 1.7092,

11.8106

■ 61.3050, 0.8356,
12.0105

■ 61.3050, 0.8356,
12.0105

■ 56.7400, 1.1142,
16.0140

■ 66.4570, 0.2677,
7.4922

■ 51.4740, 1.2453,
20.6323

■ 71.1360, 0.4260,
3.3887

■ 46.9090, 1.5239,
24.6358

■ 76.2880, -0.1420,
-1.1296

■ 41.7570, 2.0918,
29.1541

■ 80.8530, -0.4205,
-5.1331

■ 36.6050, 2.6597,
33.6724

■ 86.0050, -0.9885,
-9.6514

■ 31.9260, 2.5015,
37.7759

■ 90.6840, -0.8302,
-13.7549

■ 27.3610, 2.7800,
41.7794

■ 95.8360, -1.3981,
-18.2732

■ 26.0730, 2.9220,
42.9090

■ 100.4010, -1.6767,
-22.2767

■ 105.6670, -1.8078,
-26.8950

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.2980, 4.7831, 5.8777



61.3050, 0.8356, 12.0105



60.8770, -3.3904, 14.1399

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3050, 0.8356, 12.0105



58.7630, -7.2782, 1.0848



56.9530, 7.9112, -17.4988

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.3050, 0.8356, 12.0105



67.6950, -0.8356, -12.0105

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.3290, 4.2748, -17.8285



61.3050, 0.8356, 12.0105



57.5170, -4.1989, -6.5924

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3050, 0.8356, 12.0105



59.5790, -8.1734, 8.2622



56.3250, 0.3328, -13.4400



58.2250, 8.7631, -10.7213

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3050, 0.8356, 12.0105



60.5950, -5.7163, 13.5102



56.3250, 0.3328, -13.4400



56.3120, 6.7482, -17.8136

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.3050, 0.8356, 12.0105



91.7340, 0.1311, 4.6183



59.9820, 7.4039, 5.2778



45.4240, 0.2840, 2.2592



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3050, 0.8356, 12.0105



75.4630, 1.2507, 18.8879



60.8660, -3.3849, 12.3955



35.4240, 0.2840, 2.2592



35.5140, 4.1836, 58.3082



79.9420, 8.9026, 131.6009

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.3050, 0.8356, 12.0105



75.4630, 1.2507, 18.8879



68.1340, 3.3849, -12.3955



35.4240, 0.2840, 2.2592



35.5140, 4.1836, 58.3082



79.9420, 8.9026, 131.6009

Previews

White Background



This preview shows how the YUV color 61.3050, 0.8356, 12.0105 looks on a white background.

Color Contrast Check

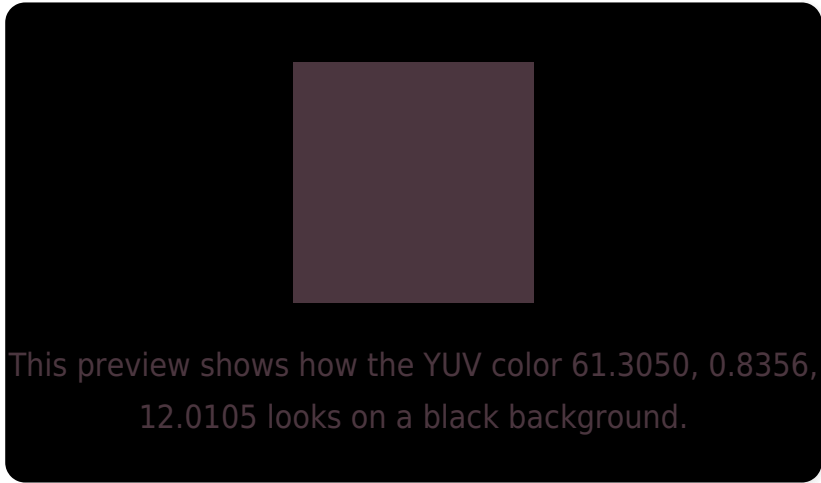
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

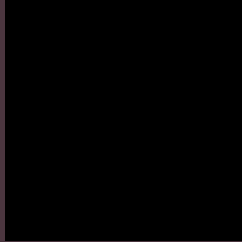
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.3050, 0.8356, 12.0105

Background



This preview shows how black text looks on a background with the YUV color 61.3050, 0.8356, 12.0105.

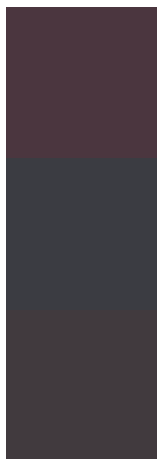


This preview shows how white text looks on a background with the YUV color 61.3050, 0.8356,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.3050, 0.8356, 12.0105

Protanopia

60.3850, 2.7682, -1.2146

Deuteranopia

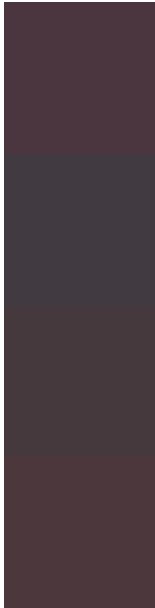
60.5490, 0.7153, 3.9035



Tritanopia

61.4360, -1.2009, 11.8956

Trichromacy



Original Color

61.3050, 0.8356, 12.0105

Protanomaly

60.8910, 2.0257, 3.6036

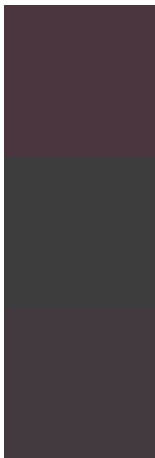
Deuteranomaly

61.1580, 0.4151, 6.8774

Tritanomaly

61.5500, -0.7641, 11.7957

Monochromacy



Original Color

61.3050, 0.8356, 12.0105

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3050, 0.8356, 12.0105 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(75, 54, 63)` looks like.

```
.text, #text, p{  
    color:rgb(75, 54, 63)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(75, 54, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 54, 63) }
```

Border

The CSS property to change the border of an element to YUV 61.3050, 0.8356, 12.0105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(75, 54, 63) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(75, 54, 63) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(75, 54, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 54, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 54, 63);  
box-shadow:4px 4px 4px 4px rgb(75, 54, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.3050, 0.8356, 12.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 54, 63) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(75, 54,  
63) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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